

Daily Engineering Control Verification Sampling
General Services Administration
Department of the Interior Modernization Program
1849 C Street NW, Washington, DC

Week ending: 8/30/2007

Note 1: TVOC = Total Volatile Organic Compounds, which is the total concentration of any volatile organic compounds that may be present. Volatile organic compounds are organic chemicals that have a high vapor pressure and easily form vapors at normal temperature. While there is currently no Permissible Exposure Limit (PEL) for TVOCs, an action level of 1.3 parts per million (ppm) has been established for this project based on best available research.

Note 2: OSHA Total and Respirable Particulate PEL = 15.0 milligrams per cubic meter of air (mg/m^3) for total particulates, 5.0 mg/m^3 for respirable particulates.

Friday: 8/24/2007

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1421	0.007	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1424	0.003	0.0	
5	Along main corridor between barricades	1426	0.003	0.0	
4	Along main corridor between barricades	1427	0.003	0.0	
3	Along main corridor between barricades	1432	0.002	0.0	
2	Along main corridor between barricades	1436	0.004	0.0	
1	Along main corridor between barricades	1438	0.002	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1439	0.003	0.0	
2	Wing 3 rm 2340-2357	1435	0.004	0.0	
7	Wing 35rm 7510-7531	1420	0.003	0.0	

Monday: 8/27/2007

Floor	Location	Time	Total Particulates (mg/m^3)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1232	0.007	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1234	0.001	0.0	
5	Along main corridor between barricades	1240	0.001	0.0	
4	Along main corridor between barricades	1244	0.001	0.0	
3	Along main corridor between barricades	1247	0.002	0.0	
2	Along main corridor between barricades	1249	0.002	0.0	
1	Along main corridor between barricades	1253	0.003	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1254	0.003	0.0	
6	Wing 3 room 6310-6331	1236	0.002	0.0	
5	Wing 5 room 5538-5562	1241	0.001	0.0	

Tuesday: 8/28/2007

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1258	0.064	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1259	0.034	0.0	
5	Along main corridor between barricades	1301	0.042	0.0	
4	Along main corridor between barricades	1303	0.064	0.0	
3	Along main corridor between barricades	1306	0.026	0.0	
2	Along main corridor between barricades	1308	0.045	0.0	
1	Along main corridor between barricades	1312	0.200	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1314	0.200	0.0	
4	Wing 5 Room 4508-4531	1305	0.024	0.0	
2	Wing 5 Room 2505-2531	1309	0.037	0.0	

Wednesday: 8/29/2007

Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1400	0.064	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1403	0.078	0.0	
5	Along main corridor between barricades	1405	0.032	0.0	
4	Along main corridor between barricades	1407	0.042	0.0	
3	Along main corridor between barricades	1409	0.034	0.0	
2	Along main corridor between barricades	1412	0.061	0.0	
1	Along main corridor between barricades	1414	0.151	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1418	0.476	0.0	
3	Wing 3 room 3339-3361	1410	0.042	0.0	
1	Wing 31 room 1340-1366	1416	0.058	0.0	

Thursday: 8/30/2007

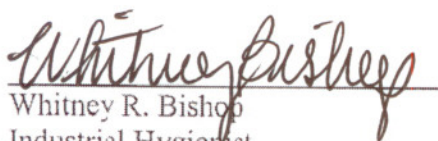
Floor	Location	Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
7	Along main corridor between barricades	1348	0.059	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1351	0.049	0.0	
5	Along main corridor between barricades	1357	0.030	0.0	
4	Along main corridor between barricades	1400	0.041	0.0	
3	Along main corridor between barricades	1401	0.031	0.0	
2	Along main corridor between barricades	1403	0.048	0.0	
1	Along main corridor between barricades	1411	0.279	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1413	0.063	0.0	
6	Wing 5 room 6538-6559	1355	0.050	0.0	
5	Wing 3 room 5309-5331	1358	0.042		

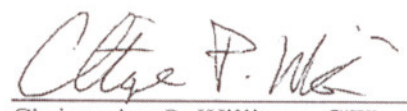
Follow-Up Sampling in Areas with Results Above Established Action Levels

Floor	Location	Retest Time	Total Particulates (mg/m ³)	TVOC (ppm)	Comments
	N/A				

Additional Comments

Date	Floor	Comments
8/29	Stair 52	Floor 7 - 0.6 ppm Floor M - 0.3 ppm Floor 4 - 0.0 ppm Floor 6 - 0.4 ppm Floor 5 - 0.1 ppm *Approximately 2:15 pm – Jacobs Engineering looked into source (determined to be orange floor cleaner) and remediated - results below action level


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Distribution

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